



RESEARCH PROGRAM ON  
**Climate Change,  
Agriculture and  
Food Security**



## CCAFS – 2017 Annual Reporting: Altmetric Analysis

In 2017, 818 (or 23.7%) of CCAFS' 3445 publications in CGSpace received social attention, according to Altmetric. Social attention for CCAFS publications comes primarily from mentions on Twitter (8769), in news articles (775), in blog stories (576), on Facebook (480), and in policy (395), in that order. There are also a few mentions on Google+ (105). Based on these numbers, it appears that Twitter is the primary driver of CCAFS' Altmetric scores.

There were 3 publications (from all years) with Altmetric scores above 500 (see 'Top-scoring publications' below), and 25 publications with scores between 101 and 500. Another 21 publications received scores between 51 and 100, and 169 publications had scores between 11 and 50. A further 601 publications received scores of between 1 and 10.

Among the 151 publications with mentions from 2017 only, 1 publication received a score of over 500, 3 received scores between 101 and 500, 37 scored between 11 and 50 (with none scoring between 51 and 100), and a further 110 scored between 1 and 10.

### Top-scoring publications (from all years):

- The top scoring publication, with a score of 1410, was "[Planetary boundaries: Guiding human development on a changing planet](#)" in Science, published in January 2015. Mentions came primarily from Twitter (744).
- The second-highest scoring publication, with a score of 820, was "[Natural climate solutions](#)" in PNAS, published in October 2017. It had the most mentions of any publication on Twitter (883). The score is particularly impressive given the recent publication date.
- The third-highest scoring publication, with a score of 535, was "[Climate change affects winter chill for temperate fruit and nut trees](#)" in PLoS ONE, published in May 2011. It received far less social attention than most of the other publications with the top 20 highest scores, indicating that the high score may have been achieved through social attention in previous years.

### Top-scoring journals (from all years):

- Among the top 20 highest-scoring publications, Nature journals were the most common, with 6 publications in Nature Climate Change, 1 in Nature, 1 in Nature Plants, and 1 in Nature Communications. PNAS was the second most common journal, with 4 publications.

### Top-scoring publications (from 2017 only):

- As mentioned above, the highest scoring publication, with a score of 820, was "[Natural climate solutions](#)" in PNAS, published in October 2017.
- The second-highest scoring publication, with a score of 191, was "[Farming and the geography of nutrient production for human use: a transdisciplinary analysis](#)" in The Lancet Planetary Health, published in April 2017.
- The third-highest scoring publication, with a score of 126, was "[Linking regional stakeholder scenarios and shared socioeconomic pathways: Quantified West African food and climate futures in a global context](#)" in Global Environmental Change Part A: Human & Policy Dimensions, published in March 2017.